

A3 OUPK

CRF Errors Corrected by the STIC Systems Branch

CRF Processing Date: 8/15/2001
Edited by: [Signature]
Verified by: [Signature] (STIC sta)

Serial Number: 09/720,451 ENTERED

- ☐ Changed a file from non-ASCII to ASCII
- ☐ Changed the margins in cases where the sequence text was "wrapped" down to the next line.
- ☐ Edited a format error in the Current Application Data section, specifically: _____
- ☐ Edited the Current Application Data section with the actual current number. The number inputted by the applicant was ☐ the prior application data; or ☐ other _____
- ☐ Added the mandatory heading and subheadings for "Current Application Data".
- ☐ Edited the "Number of Sequences" field. The applicant spelled out a number instead of using an integer.
- ☐ Changed the spelling of a mandatory field (the headings or subheadings), specifically: _____
- ☐ Corrected the SEQ ID NO when obviously incorrect. The sequence numbers that were edited were: _____
- ☐ Inserted or corrected a nucleic number at the end of a nucleic line. SEQ ID NO's edited: _____
- ☐ Corrected subheading placement. All responses must be on the same line as each subheading. If the applicant placed a response below the subheading, this was moved to its appropriate place.
- ☐ Inserted colons after headings/subheadings. Headings edited included: _____
- ☐ Deleted extra, invalid, headings used by an applicant, specifically: _____
- ☒ Deleted: ☒ non-ASCII "garbage" at the beginning/end of files; ☐ secretary initials/lastname at end of file;
☐ page numbers throughout text; ☐ other invalid text, such as _____
- ☐ Inserted mandatory headings, specifically: _____
- ☒ Corrected an obvious error in the response, specifically: LIST response
- ☐ Edited identifiers where upper case is used but lower case is required, or vice versa.
- ☐ Corrected an error in the Number of Sequences field, specifically: _____
- ☐ A "Hard Page Break" code was inserted by the applicant. All occurrences had to be deleted.
- ☐ Deleted ending stop codon in amino acid sequences and adjusted the "(A)Length:" field accordingly (error due to a PatentIn bug). Sequences corrected: _____
- ☐ Other: _____

*Examiner: The above corrections must be communicated to the applicant in the first Office Action. DO NOT send a copy of this form. 3/1/95

RAW SEQUENCE LISTING

PATENT APPLICATION: US/09/720,451

DATE: 08/15/2001

TIME: 09:42:37

Input Set : A:\Pto.amc

Output Set: N:\CRF3\08132001\I720451.raw

P.S

1 <110> APPLICANT: Falco, Carl
 2 Famodu, Layo O.
 4 <120> TITLE OF INVENTION: Tetrahydrofolate Metabolism Enzymes
 6 <130> FILE REFERENCE: BB-1179
 C--> 8 <140> CURRENT APPLICATION NUMBER: US/09/720,451
 C--> 9 <141> CURRENT FILING DATE: 2001-06-26
 11 <150> PRIOR APPLICATION NUMBER: 60/092,869
 12 <151> PRIOR FILING DATE: 1998-07-15
 14 <160> NUMBER OF SEQ ID NOS: 8
 16 <170> SOFTWARE: Microsoft Office 97
 18 <210> SEQ ID NO: 1
 19 <211> LENGTH: 542
 20 <212> TYPE: DNA
 21 <213> ORGANISM: Zea mays
 23 <220> FEATURE:
 24 <221> NAME/KEY: unsure
 25 <222> LOCATION: (363) ✓
 27 <400> SEQUENCE: 1
 28 gcacgagcat tagagcgcgc ggcceaagct cgtggtgagg ttttcgagat gaaggttattc 60
 29 gagaagatcc tggaggcggc ggggggatggc cggacggcgt tctcgttcga gtacttccct 120
 30 cccaagacgg aggagggggg cgagaacctg ttcgagcgga tggaccgcat ggtggcgcac 180
 31 ggccccctct tctgcgacat cacctggggc gccgggggat ccaccgctga ccttaccctc 240
 32 gaaatcgcca accgtatgca gaacatggtg tgtgtggaaa ccatgatgca cctgacatgt 300
 33 acaaacatgc cagtagagaa gattgaccat gccttggaaa ccatcaaata caatgggatt 360
 (W)k--> 34 canaatgttt tggccctcag aggggattct ccacatgggc aagacaaatt tgtgcaagtt 420
 35 gaaggcggat ttgcttgtgc tcttgatttg gtgacacata ttatagccaa gtacggtgaa 480
 36 ttattttggc atactgttac tggttatcag aagcacacct tgagcgatac atgcgaggga 540
 37 gg 542
 39 <210> SEQ ID NO: 2
 40 <211> LENGTH: 164
 41 <212> TYPE: PRT
 42 <213> ORGANISM: Zea mays
 44 <220> FEATURE:
 45 <221> NAME/KEY: UNSURE
 46 <222> LOCATION: (105)
 48 <400> SEQUENCE: 2
 49 Met Lys Val Ile Glu Lys Ile Leu Glu Ala Ala Gly Asp Gly Arg Thr
 50 1 5 10 15
 52 Ala Phe Ser Phe Glu Tyr Phe Pro Pro Lys Thr Glu Glu Gly Val Glu
 53 20 25 30
 55 Asn Leu Phe Glu Arg Met Asp Arg Met Val Ala His Gly Pro Ser Phe
 56 35 40 45
 58 Cys Asp Ile Thr Trp Gly Ala Gly Gly Ser Thr Ala Asp Leu Thr Leu
 59 50 55 60
 61 Glu Ile Ala Asn Arg Met Gln Asn Met Val Cys Val Glu Thr Met Met
 62 65 70 75 80
 64 His Leu Thr Cys Thr Asn Met Pro Val Glu Lys Ile Asp His Ala Leu

RAW SEQUENCE LISTING

DATE: 08/15/2001

PATENT APPLICATION: US/09/720,451

TIME: 09:42:37

Input Set : A:\Pto.amc

Output Set: N:\CRF3\08132001\I720451.raw

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65      85      90      95
67 Glu Thr Ile Lys Ser Asn Gly Ile Xaa Asn Val Leu Ala Leu Arg Gly
68      100      105      110
70 Asp Ser Pro His Gly Gln Asp Lys Phe Val Gln Val Glu Gly Gly Phe
71      115      120      125
73 Ala Cys Ala Leu Asp Leu Val Thr His Ile Ile Ala Lys Tyr Gly Glu
74      130      135      140
76 Leu Phe Trp His Thr Val Thr Gly Tyr Gln Lys His Thr Leu Ser Asp
77 145      150      155      160
79 Thr Cys Glu Gly
82 <210> SEQ ID NO: 3
83 <211> LENGTH: 591
84 <212> TYPE: DNA
85 <213> ORGANISM: Oryza sativa
87 <220> FEATURE:
88 <221> NAME/KEY: unsure
89 <222> LOCATION: (535)
91 <220> FEATURE:
92 <221> NAME/KEY: unsure
93 <222> LOCATION: (548)
95 <220> FEATURE:
96 <221> NAME/KEY: unsure
97 <222> LOCATION: (554)
99 <220> FEATURE:
100 <221> NAME/KEY: unsure
101 <222> LOCATION: (557)
103 <220> FEATURE:
104 <221> NAME/KEY: unsure
105 <222> LOCATION: (561)
107 <220> FEATURE:
108 <221> NAME/KEY: unsure
109 <222> LOCATION: (591)
111 <400> SEQUENCE: 3
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113 aattcacgca gcctcggtcg atccaaacag ggtggtgttc tcatttgagt tcttcccgcc 120
114 caagactgag gatggggtgg acaatctgtt tgagaggatg gaccgcatgg tgggtgcacaa 180
115 cccctcgttt tgcgacatca cttgggggtgc tggagggaca acggctgata ttacattgga 240
116 aattgccaac aagatgcaga acattgtctg tgtggagacc atgatgcacc tcacctgcac 300
117 caacatgcct gttgagaaga ttgaccatgc tctccacacc atcaagtcca atggcctcca 360
118 aaatgtgctt gcacttcgag gtgatccacc gcatggtcag gacaaattcg tccagtcgaa 420
119 ggcgggtttcc tgtgcacgag acttggtgca acatatcaga ctaaatatgg tgacacttgg 480
120 ataagtcctg gtatcagagc acaccggatg tatagaatga tggttggcac acagnngtac 540
121 aaatatcncr actnaanaca ngttatctgg acattcgatg caccattttt n 591
123 <210> SEQ ID NO: 4
124 <211> LENGTH: 408
125 <212> TYPE: PRT
126 <213> ORGANISM: Oryza sativa
128 <400> SEQUENCE: 4
129 Ala Arg Val Ile Val Thr Gln Leu Phe Tyr Asp Thr Asp Ile Phe Leu

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RAW SEQUENCE LISTING

DATE: 08/15/2001

PATENT APPLICATION: US/09/720,451

TIME: 09:42:37

Input Set : A:\Pto.amc

Output Set: N:\CRF3\08132001\I720451.raw

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130      1              5              10              15
132 Lys Phe Val Asn Asp Cys Arg Gln Ile Gly Ile Thr Cys Pro Ile Val
133              20              25              30
135 Pro Gly Ile Met Pro Ile Asn Asn Tyr Lys Gly Phe Ile Arg Met Thr
136              35              40              45
138 Gly Phe Cys Lys Thr Lys Ile Pro Ala Asp Ile Met Ala Ala Leu Glu
139              50              55              60
141 Pro Ile Lys Asp Asn Glu Ala Val Lys Ala Tyr Gly Ile His Leu
142 65              70              75              80
144 Gly Thr Glu Met Cys Lys Lys Ile Leu Ala His Gly Ile Lys Thr Leu
145              85              90              95
147 His Leu Tyr Thr Leu Asn Met Glu Lys Ser Ala Leu Ala Ile Leu Met
148              100              105              110
150 Asn Leu Gly Leu Ile Glu Glu Ser Lys Val Ser Arg Ser Leu Pro Trp
151              115              120              125
153 Arg Arg Pro Ala Asn Val Phe Arg Val Lys Glu Asp Val Arg Pro Ile
154              130              135              140
156 Phe Trp Ala Asn Arg Pro Lys Ser Tyr Ile Ser Arg Thr Ile Gly Trp
157 145              150              155              160
159 Asp Gln Tyr Pro His Gly Arg Trp Gly Asp Ser Cys Asn Pro Ser Tyr
160              165              170              175
162 Gly Ala Leu Ser Asp Tyr Gln Phe Met Arg Pro Arg Ala Arg Asp Lys
163              180              185              190
165 Lys Leu Val Glu Glu Trp Ala Val Pro Leu Lys Ser Val Glu Asp Ile
166              195              200              205
168 Tyr Glu Arg Phe Arg Leu Tyr Cys Leu Gly Lys Leu Arg Ser Asn Pro
169              210              215              220
171 Trp Ser Glu Leu Asp Gly Leu Gln Pro Glu Thr Lys Ile Ile Asn Glu
172 225              230              235              240
174 Gln Leu Glu Lys Ile Asn Thr Lys Gly Phe Leu Thr Ile Asn Ser Gln
175              245              250              255
177 Pro Ala Val Asn Gly Glu Lys Ser Asp Ser Pro Thr Val Gly Trp Gly
178              260              265              270
180 Gly Pro Gly Gly Tyr Val Tyr Gln Lys Ala Tyr Val Glu Phe Phe Cys
181              275              280              285
183 Ser Lys Glu Lys Leu Asp Ala Leu Val Asp Lys Cys Lys Asp Arg Thr
184              290              295              300
186 Ser Leu Thr Tyr Met Ala Val Asn Lys Asp Gly Ser Trp Lys Ser Asn
187 305              310              315              320
189 Val Gly Gln Thr Asp Val Asn Ala Val Thr Trp Gly Val Phe Pro Ala
190              325              330              335
192 Lys Glu Ile Ile Gln Pro Thr Ile Val Asp Pro Val Ser Phe Asn Val
193              340              345              350
195 Trp Lys Asp Glu Ala Phe Glu Ile Trp Ser Arg Gly Trp Ala Ser Leu
196              355              360              365
198 Tyr Pro Glu Asp Glu Ala Ser Arg Lys Leu Val Glu Glu Val Gly Gly
199              370              375              380
201 Ser His Phe Leu Val Ser Leu Val Asp Asn Asp Tyr Ile Asn Gly Asp
202 385              390              395              400

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RAW SEQUENCE LISTING

DATE: 08/15/2001

PATENT APPLICATION: US/09/720,451

TIME: 09:42:37

Input Set : A:\Pto.amc

Output Set: N:\CRF3\08132001\I720451.raw

```

204 Leu Phe Ala Val Phe Ala Asp Phe
205                               405
207 <210> SEQ ID NO: 5
208 <211> LENGTH: 558
209 <212> TYPE: DNA
210 <213> ORGANISM: Glycine max
212 <400> SEQUENCE: 5
213 tgattgtcac ccaattat tttatgatacgg atatattcct caaatttgtg aacgactgtc 60
214 gccaaattgg aataacgtgt cctattgtac ctggaattat gcccataat aattacaagg 120
215 gctttatccg catgactggg ttttgcaaaa caaagatacc agctgacatt atggctgctt 180
216 tagagcctat caaggacaat gaagaagctg tcaaggctta tgggaattcac ctgggaactg 240
217 aaatgtgcaa aaagatttta gctcatggaa ttaagacatt gcatctttat acactaaata 300
218 tggagaaatc tgcattggca atactaatga accttggcct aattgaagag tccaaagttt 360
219 ctaggtcctt accttggaga cgccctgcaa atgttttccg tgtaaagaa gatgtccgtc 420
220 caatcttttg ggcaaatcga ccaaaaagct acatatcaag gaccatagga tgggatcaat 480
221 acccacatgg gcgttggggg gattcctgta atccatcata tggatgcatta tctgattatc 540
222 agttcatgcg gccacgtg                               558
224 <210> SEQ ID NO: 6
225 <211> LENGTH: 408
226 <212> TYPE: PRT
227 <213> ORGANISM: Glycine max
229 <400> SEQUENCE: 6
230 Ala Arg Val Ile Val Thr Gln Leu Phe Tyr Asp Thr Asp Ile Phe Leu
231 1 5 10 15
233 Lys Phe Val Asn Asp Cys Arg Gln Ile Gly Ile Thr Cys Pro Ile Val
234 20 25 30
236 Pro Gly Ile Met Pro Ile Asn Asn Tyr Lys Gly Phe Ile Arg Met Thr
237 35 40 45
239 Gly Phe Cys Lys Thr Lys Ile Pro Ala Asp Ile Met Ala Ala Leu Glu
240 50 55 60
242 Pro Ile Lys Asp Asn Glu Glu Ala Val Lys Ala Tyr Gly Ile His Leu
243 65 70 75 80
245 Gly Thr Glu Met Cys Lys Lys Ile Leu Ala His Gly Ile Lys Thr Leu
246 85 90 95
248 His Leu Tyr Thr Leu Asn Met Glu Lys Ser Ala Leu Ala Ile Leu Met
249 100 105 110
251 Asn Leu Gly Leu Ile Glu Glu Ser Lys Val Ser Arg Ser Leu Pro Trp
252 115 120 125
254 Arg Arg Pro Ala Asn Val Phe Arg Val Lys Glu Asp Val Arg Pro Ile
255 130 135 140
257 Phe Trp Ala Asn Arg Pro Lys Ser Tyr Ile Ser Arg Thr Ile Gly Trp
258 145 150 155 160
260 Asp Gln Tyr Pro His Gly Arg Trp Gly Asp Ser Cys Asn Pro Ser Tyr
261 165 170 175
263 Gly Ala Leu Ser Asp Tyr Gln Phe Met Arg Pro Arg Ala Arg Asp Lys
264 180 185 190
266 Lys Leu Val Glu Glu Trp Ala Val Pro Leu Lys Ser Val Glu Asp Ile
267 195 200 205
269 Tyr Glu Arg Phe Arg Leu Tyr Cys Leu Gly Lys Leu Arg Ser Asn Pro

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RAW SEQUENCE LISTING

PATENT APPLICATION: US/09/720,451

DATE: 08/15/2001

TIME: 09:42:37


Input Set : A:\Pto.amc

Output Set: N:\CRF3\08132001\I720451.raw

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270      210      215      220
272 Trp Ser Glu Leu Asp Gly Leu Gln Pro Glu Thr Lys Ile Ile Asn Glu
273 225      230      235      240
275 Gln Leu Glu Lys Ile Asn Thr Lys Gly Phe Leu Thr Ile Asn Ser Gln
276      245      250      255
278 Pro Ala Val Asn Gly Glu Lys Ser Asp Ser Pro Thr Val Gly Trp Gly
279      260      265      270
281 Gly Pro Gly Gly Tyr Val Tyr Gln Lys Ala Tyr Val Glu Phe Phe Cys
282      275      280      285
284 Ser Lys Glu Lys Leu Asp Ala Leu Val Asp Lys Cys Lys Asp Arg Thr
285      290      295      300
287 Ser Leu Thr Tyr Met Ala Val Asn Lys Asp Gly Ser Trp Lys Ser Asn
288 305      310      315      320
290 Val Gly Gln Thr Asp Val Asn Ala Val Thr Trp Gly Val Phe Pro Ala
291      325      330      335
293 Lys Glu Ile Ile Gln Pro Thr Ile Val Asp Pro Val Ser Phe Asn Val
294      340      345      350
296 Trp Lys Asp Glu Ala Phe Glu Ile Trp Ser Arg Gly Trp Ala Ser Leu
297      355      360      365
299 Tyr Pro Glu Asp Glu Ala Ser Arg Lys Leu Val Glu Glu Val Gly Gly
300      370      375      380
302 Ser His Phe Leu Val Ser Leu Val Asp Asn Asp Tyr Ile Asn Gly Asp
303 385      390      395      400
305 Leu Phe Ala Val Phe Ala Asp Phe
306      405
308 <210> SEQ ID NO: 7
309 <211> LENGTH: 451
310 <212> TYPE: DNA
311 <213> ORGANISM: Triticum aestivum
313 <220> FEATURE:
314 <221> NAME/KEY: unsure
315 <222> LOCATION: (25)
317 <220> FEATURE:
318 <221> NAME/KEY: unsure
319 <222> LOCATION: (115)
321 <220> FEATURE:
322 <221> NAME/KEY: unsure
323 <222> LOCATION: (120)
325 <220> FEATURE:
326 <221> NAME/KEY: unsure
327 <222> LOCATION: (176)
329 <220> FEATURE:
330 <221> NAME/KEY: unsure
331 <222> LOCATION: (347)
333 <220> FEATURE:
334 <221> NAME/KEY: unsure
335 <222> LOCATION: (371)
337 <220> FEATURE:
338 <221> NAME/KEY: unsure

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 Use of n and/or Xaa has been detected in the Sequence Listing.
 Review the Sequence Listing to insure a corresponding
 explanation is presented in the <220> to <223> fields of
 each sequence using n or Xaa.

VERIFICATION SUMMARY

PATENT APPLICATION: US/09/720,451

DATE: 08/15/2001

TIME: 09:42:38

Input Set : A:\Pto.amc

Output Set: N:\CRF3\08132001\I720451.raw

L:8 M:270 C: Current Application Number differs, Replaced Application Number
L:9 M:271 C: Current Filing Date differs, Replaced Current Filing Date
L:34 M:258 W: Mandatory Feature missing, <223> not found for SEQ ID#:1
L:34 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:1
L:67 M:258 W: Mandatory Feature missing, <223> not found for SEQ ID#:2
L:67 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:2
L:120 M:258 W: Mandatory Feature missing, <223> not found for SEQ ID#:3
L:120 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:3
L:121 M:258 W: Mandatory Feature missing, <223> not found for SEQ ID#:3
L:121 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:3
L:350 M:258 W: Mandatory Feature missing, <223> not found for SEQ ID#:7
L:350 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:7
L:351 M:258 W: Mandatory Feature missing, <223> not found for SEQ ID#:7
L:351 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:7
L:352 M:258 W: Mandatory Feature missing, <223> not found for SEQ ID#:7
L:352 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:7
L:355 M:258 W: Mandatory Feature missing, <223> not found for SEQ ID#:7
L:355 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:7
L:356 M:258 W: Mandatory Feature missing, <223> not found for SEQ ID#:7
L:356 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:7
L:357 M:258 W: Mandatory Feature missing, <223> not found for SEQ ID#:7
L:357 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:7
L:384 M:258 W: Mandatory Feature missing, <223> not found for SEQ ID#:8
L:384 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:8
L:390 M:258 W: Mandatory Feature missing, <223> not found for SEQ ID#:8
L:390 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:8

A Johnson

OIPE

RAW SEQUENCE LISTING

PATENT APPLICATION: US/09/720,451

DATE: 07/19/2001

TIME: 12:29:05

Input Set : A:\BB-1179 Seq List.txt

Output Set: N:\CRF3\07192001\I720451.raw

3 <110> APPLICANT: Falco, Carl
4 Famodu, Layo O.
6 <120> TITLE OF INVENTION: Tetrahydrofolate Metabolism Enzymes
8 <130> FILE REFERENCE: BB-1179
C--> 10 <140> CURRENT APPLICATION NUMBER: US/09/720,451
C--> 11 <141> CURRENT FILING DATE: 2001-06-26
13 <150> PRIOR APPLICATION NUMBER: ~~60/092,869~~
W--> 14 <151> PRIOR FILING DATE: July 15, 1998 1998-07-15
16 <160> NUMBER OF SEQ ID NOS: 8
18 <170> SOFTWARE: Microsoft Office 97

Does Not Comply
Corrected Diskette Needed

ERRORED SEQUENCES

361 <210> SEQ ID NO: 8
362 <211> LENGTH: 101
363 <212> TYPE: PRT
364 <213> ORGANISM: Triticum aestivum
366 <220> FEATURE:
367 <221> NAME/KEY: UNSURE ✓
368 <222> LOCATION: (25)..(26)
370 <220> FEATURE:
371 <221> NAME/KEY: UNSURE
372 <222> LOCATION: (29) ✓
374 <220> FEATURE:
375 <221> NAME/KEY: UNSURE
376 <222> LOCATION: (31) ✓
378 <220> FEATURE:
379 <221> NAME/KEY: UNSURE
380 <222> LOCATION: (49)
382 <400> SEQUENCE: 8
383 Glu His Ile Lys Ala Lys Tyr Gly Asp Tyr Phe Gly Ile Thr Val Ala
384 1 5 10 15
W--> 386 Gly Tyr Pro Glu Ala His Pro Glu Xaa Xaa Ala Tyr Xaa Lys Xaa Leu
387 20 25 30
389 Ala Tyr Leu Lys Arg Lys Val Asp Ala Gly Ala Asp Val Ile Ile Thr
390 35 40 45
W--> 392 Xaa Leu Phe Tyr Asp Thr Asp Ile Phe Leu Lys Phe Val Asn Asp Cys
393 50 55 60
395 Arg Gln Ile Gly Ile Thr Cys Pro Ile Val Pro Gly Ile Met Pro Ile
396 65 70 75 80
398 Asn Asn Tyr Lys Gly Phe Val Arg Met Thr Gly Phe Cys Lys Thr Lys
399 85 90 95
401 Ile Pro Pro Glu Ile
402 100
E--> 404 7

VERIFICATION SUMMARY

PATENT APPLICATION: US/09/720,451

DATE: 07/19/2001

TIME: 12:29:06

Input Set : A:\BB-1179 Seq List.txt

Output Set: N:\CRF3\07192001\I720451.raw

L:10 M:270 C: Current Application Number differs, Replaced Application Number
L:11 M:271 C: Current Filing Date differs, Replaced Current Filing Date
L:14 M:256 W: Invalid Numeric Header Field, Wrong Prior FILING DATE:YYYY-MM-DD
L:36 M:258 W: Mandatory Feature missing, <223> not found for SEQ ID#:1
L:36 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:1
L:69 M:258 W: Mandatory Feature missing, <223> not found for SEQ ID#:2
L:69 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:2
L:122 M:258 W: Mandatory Feature missing, <223> not found for SEQ ID#:3
L:122 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:3
L:123 M:258 W: Mandatory Feature missing, <223> not found for SEQ ID#:3
L:123 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:3
L:352 M:258 W: Mandatory Feature missing, <223> not found for SEQ ID#:7
L:352 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:7
L:353 M:258 W: Mandatory Feature missing, <223> not found for SEQ ID#:7
L:353 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:7
L:354 M:258 W: Mandatory Feature missing, <223> not found for SEQ ID#:7
L:354 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:7
L:357 M:258 W: Mandatory Feature missing, <223> not found for SEQ ID#:7
L:357 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:7
L:358 M:258 W: Mandatory Feature missing, <223> not found for SEQ ID#:7
L:358 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:7
L:359 M:258 W: Mandatory Feature missing, <223> not found for SEQ ID#:7
L:359 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:7
L:386 M:258 W: Mandatory Feature missing, <223> not found for SEQ ID#:8
L:386 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:8
L:392 M:258 W: Mandatory Feature missing, <223> not found for SEQ ID#:8
L:392 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:8
L:404 M:332 E: (32) Invalid/Missing Amino Acid Numbering, SEQ ID:8